

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Robert M. ZubrinApplication No./Patent No.: 09/865,995 Filed/Issue Date: May 21, 2001Entitled: NITROUS OXIDE BASED OXYGEN SUPPLY SYSTEMPioneer Invention, Inc. d/b/a Pioneer Astronautics, a Corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☐ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 012236, Frame 0909, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

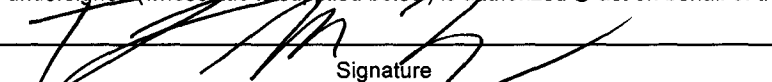
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☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

  
SignatureRobert M. Zubrin

Printed or Typed Name

Sept 8, 2006  
Date(303) 980-0890

Telephone Number

\_\_\_\_\_  
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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DECEMBER 17, 2001

PTAS

JAMES A. PINTO ESQ.  
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370 SEVENTEENTH STREET  
DENVER, CO 80202

Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
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UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/03/2001

REEL/FRAME: 012236/0909  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
FRANKIE, BRIAN M.

DOC DATE: 04/20/1998

ASSIGNOR:  
ZUBRIN, ROBERT M.

DOC DATE: 04/20/1998

ASSIGNOR:  
LOWTHER, SCOTT E.

DOC DATE: 04/20/1998

ASSIGNEE:  
PIONEER INVENTION, INC.  
D/B/A PIONOEER ASTRONAUTICS  
445 UNION BOULEVARD, SUITE 125  
LAKEWOOD, COLORADO 80228

SERIAL NUMBER: 09865995  
PATENT NUMBER:

FILING DATE: 05/21/2001  
ISSUE DATE:

RECEIVED

DORSEY & WHITNEY

012236/0909 PAGE 2

TONYA LEE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

1013/01

10-15-2001

Docket No.: 5614.06

FORM PTO-1595 (Modified)  
(Rev. 03-01)  
OMB No. 0651-0027 (exp. 5/31/2002)  
P08/REV03



EE

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101873680 ▼ ▼ ▼

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Brian M. Frankie  
Robert M. Zubrin  
Scott E. Lowther

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: April 20, 1998

## 2. Name and address of receiving party(ies):

Name: Pioneer Invention, Inc., a Colorado corporation

Internal Address: d/b/a Pioneer Astronautics

Street Address: 445 Union Boulevard, Suite 125

City: Lakewood State: CO ZIP: 80228

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/865,995

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: James A. Pinto, Esq.

Internal Address: Suite 4700, Republic Plaza Building

Street Address: 370 Seventeenth Street

City: Denver

State: CO

ZIP: 80202

## 6. Total number of applications and patents involved:

1

## 7. Total fee (37 CFR 3.41):.....\$ 40.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

## 8. Deposit account number:

04-1415

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Cheryl Arnold Ferne

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document:

4

## ASSIGNMENT

WHEREAS, we, Robert M. ZUBRIN, whose post office address is P.O. Box 273, Indian Hills, Colorado 80454; Brian M. FRANKIE, whose post office address is 265 Zang Street, #26312, Lakewood, Colorado 80228; and Scott E. LOWTHER, whose post office address is 7521 West 8<sup>th</sup> Place, Lakewood, Colorado 80215; have made a certain new and useful invention relating to NITROUS OXIDE BASED OXYGEN SUPPLY SYSTEM, for which we have made application for Letters Patent of the United States, which application may be identified in the United States Patent Office as Application Serial No. 09/064,998, filed on April 23, 1998, for NITROUS OXIDE BASED OXYGEN SUPPLY SYSTEM; and

WHEREAS, we now own the entire right, title and interest therein; and

WHEREAS, Pioneer Invention, Inc., a Colorado corporation, d/b/a Pioneer Astronautics, whose post office address is 445 Union Boulevard, Suite 125, Lakewood, Colorado 80228, is desirous of acquiring the entire interest in and to said invention, said application, or any continuation, division, renewal, or substitute thereof, and the Letters Patent, or any reissue or re-examination thereof, to be obtained therefor:

NOW THEREFORE, for and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration to us in hand paid, the receipt and sufficiency of which are hereby acknowledged, we have sold, assigned, and set over and by these presents do hereby sell, assign and set over unto the said Pioneer Astronautics, and said assignee's legal representatives, successors and assigns, the entire right, title and interest in and to said invention, said application or any continuation, division, renewal or substitute thereof, international and foreign and regional applications corresponding thereto, and the Letters Patent, both foreign and domestic, that may or shall issue thereon, or any reissue or re-examination thereof; and we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above-mentioned assignee, consistent with the terms of this Assignment.

We HEREBY AUTHORIZE the above-mentioned assignee to insert in this instrument the filing date and serial number of our said application.

UPON SAID CONSIDERATION, we hereby covenant and agree with the said assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we will, at any time upon request, without further or additional consideration, but at the expense of the said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, renewal, reissued or extended Letters Patent

of the United States, or of any and all foreign countries, on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties.

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals on the date indicated below.

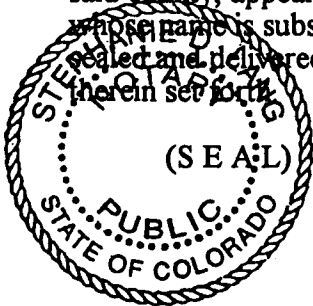
20 APR, 1998

Brian M. Frankie  
Brian M. FRANKIE

STATE OF COLORADO )  
COUNTY OF Jefferson )

ss.

On this 20<sup>th</sup> day of April, 1998, before me a notary public in and for said county, appeared Brian M. Frankie who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he signed, sealed and delivered the same instrument as a free and voluntary act for the uses and purposes therein set forth.



Stephanie D. Fang  
Notary Public

My Commission Expires 03/05/2000

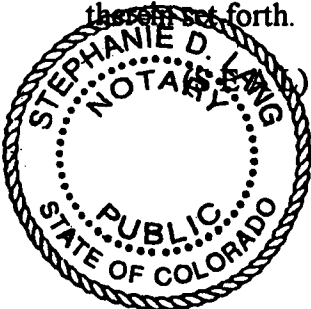
Apr. 20, 1998

Robert M. Zubrin  
Robert M. ZUBRIN

STATE OF COLORADO )  
COUNTY OF Jefferson )

ss.

On this 20<sup>th</sup> day of April, 1998, before me a notary public in and for said county, appeared Robert M. Zubrin who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he signed, sealed and delivered the same instrument as a free and voluntary act for the uses and purposes therein set forth.



Stephanie D. Fang  
Notary Public

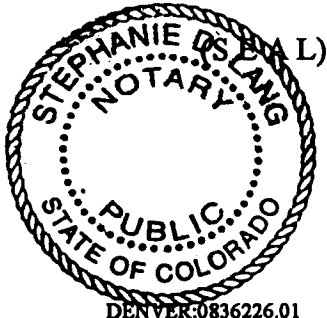
4-20, 1998

Scott E. Lowther  
Scott E. LOWTHER

STATE OF COLORADO )  
COUNTY OF Jefferson )

ss.

On this 20th day of April, 1998, before me a notary public in and for said county, appeared Scott E. Lowther who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he signed, sealed and delivered the same instrument as a free and voluntary act for the uses and purposes therein set forth.



DENVER:0836226.01  
My Commission Expires 03/05/2000

Stephanie D. Lang  
Notary Public